



COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/955, 905A  
FILING DATE: 21-JAN-1993  
CLASSIFICATION: 435  
INFORMATION FOR SEQ ID NO: 22:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 566 amino acids  
TYPE: amino acid  
TOPOLGY: Linear  
MOLECULE TYPE: protein  
ORIGINAL SOURCE: Theobroma cacao  
FEATURE:  
NAME/KEY: Protein  
LOCATION: 1..566  
OTHER INFORMATION: /note= "67 kd Precursor Protein"  
; US-07-955-905A-22

Query Match 45.4%; Score 173; DB 1; Length 566;  
Best Local Similarity 32.6%; Pred. No. 3.7e-10; 1;  
Matches 31; Conservative 17; Mismatches 15; Indels 32; Gaps 1;  
; Sequence 23, Application US/07955905A

Qy 3 QRDPOOQEQQKRCORRETEPRHMQICQRCERRYEKEKKRQQ----- 46  
Db 35 ERDPRQEQECQRCSEATEEEEQEQCERQYEQQEQELQRYQQCCRCQE 94

Qy 47 -----KRYKEQQRDEEYERMK 65  
Db 95 QQGQREQQQCQRKCWEQYKEQERGEHENYHNHK 129

RESULT 3  
US-07-955-905A-23  
; Sequence 23, Application US/07955905A

Patent No. 5770433  
GENERAL INFORMATION:  
APPLICANT:  
TITLE OF INVENTION: RECOMBINANT 47 AND 31 KD COCOA PROTEINS AND  
NUMBER OF SEQUENCES: 28  
COMPUTER READABLE FORM:  
COMPUTER: IBM PC compatible  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)  
APPLICATION NUMBER: US/07/955, 905A  
FILING DATE: 21-JAN-1993  
CLASSIFICATION: 435  
INFORMATION FOR SEQ ID NO: 23:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 587 amino acids  
TYPE: amino acid  
TOPOLGY: Linear  
MOLECULE TYPE: protein  
ORIGINAL SOURCE:  
ORGANISM: *Gossypium hirsutum*  
FEATURE:  
NAME/KEY: Protein  
LOCATION: 1..587  
OTHER INFORMATION: /note= "Vicilin from *G. hirsutum*"  
; US-07-955-905A-23

Query Match 27.0%; Score 103; DB 1; Length 1898;  
Best Local Similarity 31.0%; Pred. No. 0.011; 1;  
Matches 22; Conservative 23; Mismatches 20; Indels 6; Gaps 1;  
; Sequence 24, Application US/0800644

Qy 2 RQDPOOQEQQKRCORRETEPRHMQICQRCERRYEKEKKRQQYEEQRE 55  
Db 267 RQEQLEEEQELQKLRLQEREREEQQQRURRQQQLRKDEEEERQERREQEE 326

Qy 56 DEEKYERMK 66  
Db 327 RREQQERREQ 337

RESULT 4  
US-08-056-200-94  
; Sequence 94, Application US/08056200  
; Patent No. 5616500  
GENERAL INFORMATION:  
APPLICANT: Steinert, Peter M.  
APPLICANT: Lee, Seung-Chul  
APPLICANT: Kim, In-Gyu  
APPLICANT: Chung, Soo Il  
APPLICANT: Park, Sang-Chul  
TITLE OF INVENTION: Trichohyalin and Transglutaminase-3 and  
TITLE OF INVENTION: Methods of Using Same  
NUMBER OF SEQUENCES: 117  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Krobbe, Martens, Olson & Bear  
STREET: 620 Newport Center Drive, Sixteenth Floor  
CITY: Newport Beach  
STATE: CA  
COUNTRY: U.S.A.  
ZIP: 92660

COMPUTER READABLE FORM:  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/056, 200  
FILING DATE: 30-APR-1993  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Pedrick, Michael F.  
REGISTRATION NUMBER: 36,799  
REFERENCE/DOCKET NUMBER: NIH054.001A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (714) 760-0404  
TELEFAX: (714) 760-9502  
INFORMATION FOR SEQ ID NO: 94:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1898 amino acids  
TYPE: amino acid  
TOPOLGY: Linear  
MOLECULE TYPE: protein  
; US-08-056-200-94

Query Match 36.9%; Score 140.5; DB 1; Length 587;  
Best Local Similarity 28.3%; Pred. No. 6.4e-07;  
Matches 28; Conservative 21; Mismatches 17; Indels 33; Gaps 2;  
; Sequence 95, Application US/0800645

Qy 1 NRQDRPQQEQCQRCORRETEPRHMQICQRCERRYEKEKKRQQIBEQR----- 54







NAME: Billings, Lucy J.  
 REGISTRATION NUMBER: 35,749  
 REFERENCE/DOCKET NUMBER: PF-0356 US  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 415-855-0555  
 TELEX:  
 INFORMATION FOR SEQ ID NO: 47:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 432 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLogy: linear  
 IMMEDIATE SOURCE:  
 LIBRARY: TLIMNOT04  
 CLONE: 2926777  
 US-08-933-750C-47

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Query Match 21.7%; Score 82.5; DB 2; Length 432;  
 Best Local Similarity 32.1%; Pred. No. 0.28; Gaps 1;  
 Matches 18; Conservative 20; Mismatches 17; Indels 1; Gaps 1;

Qy 11 EOCQKRCQRRETEPRHMQICQRCRERYEKKRKQKRYEEQQREDEEKY'BERMK 66  
 Db 232 EKLKRKTEPDRDERLKKEKOREEREKERE-RERERERRRREEEREKARD 286

RESULT 13

Sequence 47, Application US/09234613

GENERAL INFORMATION:

APPLICANT: Lal, Preeti  
 APPLICANT: Hillman, Jennifer L.  
 APPLICANT: Bandman, Olga  
 APPLICANT: Shah, Purvi  
 APPLICANT: Au-Young, Janice  
 APPLICANT: Yue, Henry  
 APPLICANT: Guebler, Karl J.  
 APPLICANT: Corley, Neil C.

TITLE OF INVENTION: HUMAN REGULATORY MOLECULES

NUMBER OF SEQUENCES: 98

CORRESPONDENCE ADDRESS:

ADDRESSEE: Incyte Pharmaceuticals, Inc.  
 STREET: 3174 Porter Drive  
 CITY: Palo Alto  
 STATE: CA  
 COUNTRY: USA  
 ZIP: 94304

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS

SOFTWARE: FASTSEQ for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/2334,613

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/933,750

FILING DATE: September 23, 1997

ATTORNEY/AGENT INFORMATION:

NAME: Billings, Lucy J.  
 REGISTRATION NUMBER: 36,749

REFERENCE/DOCKET NUMBER: PF-0356 US

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415-855-0555  
 TELEX: 415-845-4166

INFORMATION FOR SEQ ID NO: 47:

SEQUENCE CHARACTERISTICS:  
 LENGTH: 432 amino acids

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Query Match 21.7%; Score 82.5; DB 3; Length 432;  
 Best Local Similarity 32.1%; Pred. No. 0.28; Gaps 1;  
 Matches 18; Conservative 20; Mismatches 17; Indels 1; Gaps 1;

Qy 11 EOCQKRCQRRETEPRHMQICQRCRERYEKKRKQKRYEEQQREDEEKY'BERMK 66  
 Db 232 EKLKRKTEPDRDERLKKEKOREEREKERE-RERERERRRREEEREKARD 286

RESULT 14

Patent No. 5210183-2

Query Match 21.3%; Score 81; DB 5; Length 344;  
 Best Local Similarity 23.2%; Pred. No. 0.31; Gaps 2;  
 Matches 19; Conservative 26; Mismatches 21; Indels 16; Gaps 2;

Qy 1 MRQDPO-----QOYEQOKRCQRRETEPRHMQICQRCRERY---EKEKRK 44  
 Db 82 DKEKDPQYRALMGENDLKRKGQYQDKDLEKERKEKQDQEQLEROYQIEADKHQE 141

Qy 45 QOKRYEEQQREDEEKY'BERMK 66  
 Db 142 QOKKHOEQQOLEAKOKLAND 163

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RESULT 15

PCP-US95-03236-21

Sequence 21, Application PC/US9503236

GENERAL INFORMATION:

APPLICANT: University of Southern California  
 TITLE OF INVENTION: Methods to Diagnose and Treat HIV-1  
 TITLE OF INVENTION: Infection  
 NUMBER OF SEQUENCES: 66

CORRESPONDENCE ADDRESS:

ADDRESSEE: Campbell and Flores  
 STREET: 4370 La Jolla Village Drive, Suite 700  
 CITY: San Diego  
 STATE: California  
 COUNTRY: USA  
 ZIP: 92122

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCP/US95/03236

FILING DATE: 13-MAR-1995

CLASSIFICATION: CLASSIFICATION: INFORMATION:  
ATTORNEY/AGENT: NAME: Imbra, Richard J.  
NAME: Imbra, Richard J.  
REGISTRATION NUMBER: 37,643  
REFERENCE/DOCKET NUMBER: FPP-SI 1394  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 535-9001  
TELEFAX: (619) 535-8949  
INFORMATION FOR SEO ID NO: 21:  
INFORMATION FOR SEO ID NO: 21:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 614 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
PCT-US95-03236-21

Query	Match	21.3%	Score	81	DB	4	Length	614
Best	Local	Similarity	27.3%	Pred.	No.	0.54		
Matches	18;	Conservative	18;	Mismatches	28;	Indels	2;	Gaps
Qy	1	NRDPDQQQYEQQKRCRRETHPMQCQQCERYKEKEKDKQQYEEQREDDEKKY	60					
Db	422	SRRDKERRRRSRDRRRSRSRDRKE-ERRRSRSRSRSRSRSRSRSRARRRE	479					
Qy	61	EEMKE 66						
Db	480	RERKEE 485						

Search completed: March 1, 2001, 15:49:46  
Job time: 391 sec

